OCR Computer Science A Level
1.3.4 Web Technologies

Flashcards

What is HTML?

What is HTML?

HTML is the language/script that web pages are written in

What does HTML do?

What does HTML do?

HTML allows a browser to interpret and render a webpage

What is a tag in HTML?

What is a tag in HTML?

HTML code is made up of tags, tags are the names given to values written within angle brackets i.e. <h1>

What is an identifier selector?

What is an identifier selector?

An identifier selector is a value that follows a hashtag

What is a class selector?

What is a class selector?

A class selector is a value that follows a full stop

What is CSS?

What is CSS?

CSS is a script/language like HTML except it's used to describe the style of a webpage.

What are the names of the two methods of applying CSS?

What are the names of the two methods of applying CSS?

Internal/embedded CSS,

External CSS.

Where do you write internal CSS?

Where do you write internal CSS?

It’s placed inside the style tags and is entered directly within the HTML document

Where do you write external CSS?

Where do you write external CSS?

You write it in a separate document.

How do you use external CSS in your HTML code?

How do you use external CSS in your HTML code?

You use the <link> tag

What is JavaScript?

What is JavaScript?

JavaScript is a language used on webpages to add interactivity.

Is JavaScript interpreted or compiled?

Is JavaScript interpreted or compiled?

Interpreted

What is a search engine?

What is a search engine?

A search engine is a program that searches through a database of internet addresses looking for a resource based on a criteria set by the client/user.

What software does search engines use?

What software does a search engine use?

Web Crawlers

What does a Web Crawler do?

What does a Web Crawler do?

Travels across the internet collecting keywords and phrases from a web page and adding it to an index of web resources.

What is the pagerank algorithm?

What is the pagerank algorithm?

The algorithm used to determine the order used when showing web results for a search engine query.

What factors determine a pagerank?

What factors determine a pagerank?

- The number of incoming links it has from other web pages
- The page rank of the web pages that link to it

What is server side processing?

What is server side processing?

Server side processing is when a client sends information to a server for processing.

What is client side processing?

What is client side processing?

Client side processing is when information is processed on a local device for processing.